Serial No. 09/726,710
December 22, 2003
Reply to the Office Action dated September 24, 2003
Page 2 of 8

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A nonreciprocal circuit device comprising:

a plurality of central conductors overlappingly intersecting with each other and disposed on a magnetic member for receiving a DC magnetic field; and

a coiled-shaped inductor connected at its ends to at least one portion section of said central conductors and to a signal input/output terminal, respectively; wherein

said magnetic member has a substantially rectangular shape with four edge surfaces;

a longitudinal axis of said inductor is parallel to a <u>major</u> surface of said magnetic member;

said <u>major</u> surface of said magnetic member is <u>parallel-perpendicular</u> to a direction of said DC magnetic field; and

a magnetic flux produced by said inductor passes in a direction that is perpendicular to the direction of said DC magnetic field with respect to said magnetic member: and

a height of the longitudinal axis of said inductor is substantially equal to a position of a center height of said magnetic member.

Claim 2 (original): A nonreciprocal circuit device comprising:

a nonreciprocal circuit device according to Claim 1; and

a capacitor connected in series to the inductor of said nonreciprocal circuit devic , wherein a band pass filter comprises said capacitor and said inductor.

Serial No. 09/726,710 December 22, 2003 Reply to the Office Action dated September 24, 2003 Page 3 of 8

Claim 3 (original): A nonreciprocal circuit comprising:
a nonreciprocal circuit device according to Claim 1; and
capacitors connected between both ends of the inductor of said nonreciprocal
circuit device and a ground,

wherein a low pass filter comprises said capacitors and said inductor.

Claim 4 (original): A communication device comprising the nonreciprocal circuit device according to Claim 1, or the nonreciprocal circuit according to one of Claims 2 and 3.

Claim 5 (previously presented): A nonreciprocal circuit device according to claim 1, wherein said inductor is disposed with an axis of said inductor substantially adjacent to a central plane of the magnetic member.

Claim 6 (new): A nonreciprocal circuit device comprising:

a plurality of central conductors overlappingly intersecting with each other and disposed on a magnetic member for receiving a DC magnetic field; and

a coiled-shaped inductor connected at its ends to at least one portion section of said central conductors and to a signal input/output terminal, respectively; wherein

said magnetic member has a substantially rectangular shape with four edge surfaces;

a longitudinal axis of said inductor is parallel to a major surface of said magnetic member;

said major surface of said magnetic member is perpendicular to a direction of said DC magnetic field;

a magnetic flux produced by said inductor passes in a direction that is perpendicular to the direction of said DC magnetic field with respect to said magnetic member; and Serial No. 09/726,710 December 22, 2003 Reply to the Office Action dated September 24, 2003 Page 4 of 8

both ends of said inductor are parallel to said longitudinal axis of said inductor.

Claim 7 (new): A nonreciprocal circuit device according to claim 6, wherein said both ends are not disposed in a straight line.